## Bulletin No.4 of 1953.

## STATE OF SOUTH AUSTRALIA.

## FACTORY STATISTICS, YEAR 1951-52.

ENERAL. For statistical purposes, a "Factory" is defined as any factory, workshop or mill employing four hands or more, or less than four where power-driven machinery is used in manufacturing, repairing or assembling.

The totals of the principal items of factory statistics are listed below and indicate in every instance that the manufacturing activities in South Australia during 1951-52 were greater than in any previous year. This expansion was a continuation of the post-war recovery attained in 1946-47 following a decline from the 1942-43 wartime peak. Fluctuations in prices, however, should be considered when comparing money ralues. In the text, figures for 1950-51 are shown in parenthesis.

NUMBER OF FACTORIES. These numbered 3,245 (3,141), increase 104.

IMPLOYEES. The average number of persons employed over the whole year las 84,189 (83,169), increase 1,020. While the total employees was a record and also the number of male employees 68,327 (67,015), yet the number of female employees 15,862 (16,154) was 4096 below the record of 19,958 who were employed during the peak war year, 1942-43.

ALARIES AND WAGES. The total amount paid was £53,797,519 (43,078,800) ncrease £10,718,719. Male employees received £47,433,485 (£37,924,575) or n average per employee of £717 (£584). Female employees received 6,364,034 (£5,154,225) or an average of £406 (£322).

ATERIALS AND FUEL. The cost of materials totalled £139,157,734 (£117,546,533) nd fuel, etc. £10,408,734 (£7,267,384).

UTPUT VALUE. The gross value of output was £232,015,163 (£192,355,532) ncrease £39,659,631. Nearly all the principal industries showed increased utput values, the greatest increases being for Smelting, Motor-bodies, lant and Equipment, Sheet Metal Working and Flour Mills. Woolscouring and ellmongering showed a greatly decreased output mainly due to drop in wool rices.

RODUCTION VALUE. The value of output does not give a true indication of he value of factory production, primarily because of duplication between ndustries. A better measure of value of work done in factories is obtained y deducting from the value of output, the cost of raw materials, containers, ower, fuel, light, oil, water, tools replaced and repairs to plant. The net esult thus obtained represents the value added in the process of manufacture. he total £82,408,695 (£67,541,615) showed an increase of £14,867,080.

REMISES AND PLANT. The value recorded for Land and Buildings was 28,506,576 (£23,302,758) whilst Plant and Machinery totalled £32,177,031 326,758,675). Estimated values for rented premises and plant have been icluded in these figures.

MPARISON WITH 1938-39. Compared with the pre-war year 1938-39, factories we increased from 2,067 to 3,245, employees from 43,371 to 84,189 value of tput from £35,005,264 to £232,015,163, value of production from £13,678,930 £82,408,695 and value of land, buildings, plant and machinery from .8,460,379 to £60,683,607.

A. W. BOWDEN GOVERNMENT STATIST.

atistical Office, <u>ADELAIDE</u>, 9th March, 1953.

# Bulletin No.4 of 1953.

## STATE OF SOUTH AUSTRALIA.

# FACTORY STATISTICS, 1951-52.

Establishments - Total Using Power 2,765 2,892 2,998 3,118  Employees (inc. W.P.) Males   61,005   63,294   67,015   68,327   Females   14,940   15,304   16,154   15,862   Total   75,945   78,598   83,169   84,189   Working Proprietors   Males   75,945   78,598   83,169   84,189   Working Proprietors   Males   76,945   716   717   Under 16 years - Males   722   724   721   805   Females   5,203   5,332   4,716   4,647   698   16-20 years - Males   5,203   5,332   4,716   4,647   Females   5,892   63,928   66,720   60,253   60,345   Females   5,892   63,928   66,720   65,797   Females   246,900   262,260   277,129   296,077   Oll   36,812   40,550   42,010   72,029   Electric   246,900   262,260   277,129   296,077   Oll   36,812   40,550   42,010   72,029   Females   69,380,007   3,582,097   5,568,576   3,788,033   Fuel, Light, Water, etc.   5,123,290   Fuel, Light, Water, etc.   5,123,290   Fuel Oils (a)   988,725   79,992   237,347   263,307   30,188,18   Fuel Oils (a)   988,725   79,992   237,347   263,307   30,188,18   Fuel Oils (a)   988,725   79,236   106,425   110,408,734   Fuel Oils (a)   988,725   79,236   106,429   106,429   100,408,734   Fuel Oils (a)   988,725   79,236   106,425   110,408,734   Fuel Oils (a)   988,725   79,236   106,429   106,429   109,408,138   Fuel Oils (a)   988,725   79,236   106,425   110,408,734   Fuel Oils (a)   988,725   79,236   106,429   106,429   109,408,138   Fuel Oils (a)   988,725   79,236   106,425   110,408,734   Fuel Oils (a)   988,725   79,236   106,429   106,429   100,408   Fuels & Wages (Exc.W.P.)   103,851   181,168   162,137   Fuel Oils (a)   988,725   79,236   106,429   10		1948-49	1949-50	1950-51	1951-52
Using   Power   2,765   2,892   2,998   3,118	Establishments - Total		AND THE STREET OF THE STREET O	3,141	3,245
Employees (inc. W.P.)  Males Pemales 11,940 15,504 16,154 15,862 Total 75,945 78,598 83,169 84,189  Working Proprietors Males Pemales 1,880 1,972 149 149 149 149 1476  Employees June (Exc.W.P.) Under 16 years - Males Pemales 16-20 years - Males Pemales 16,816 11,358 16,294 76,733 698 16-20 years - Males Pemales 10,816 11,358 12,268 10,464 75,245 75,945 75,947 75,945 75,947 75,945 76,812 14,746 14,647 733 698 16-20 years - Males Pemales 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 10,816 11,358 12,268 10,532 11,415 11,	Using				7 778
Males         61,005         63,294         67,015         00,326           Females         11,940         15,304         16,154         15,366           Total         75,945         78,598         83,169         84,189           Working Proprietors         Males         1,880         1,972         2,068         2,155           Employees June (Exc.W.P.)         Under 16 years - Males         722         724         721         805           Employees June (Exc.W.P.)         Females         683         716         733         698           16-20 years - Males         52,23         5,132         4,746         4,647         78           Females         3,558         3,533         3,318         2,915           21 years up - Males         55,967         58,072         60,253         60,345           Total - Males   55,967         58,922         65,720         65,720         65,797           Females   15,057         15,407         16,539         2,657,797           Horsepower of Engines         81,91         18,91         79,942           Steam         2,930         2,265         2,271,29         296,077           Other         246,900         262,260	Power	2,765	2,892	2,998	9,110
Males         61,005         63,294         67,015         00,326           Females         11,940         15,304         16,154         15,366           Total         75,945         78,598         83,169         84,189           Working Proprietors         Males         1,880         1,972         2,068         2,155           Employees June (Exc.W.P.)         Under 16 years - Males         722         724         721         805           Employees June (Exc.W.P.)         Females         683         716         733         698           16-20 years - Males         52,23         5,132         4,746         4,647         78           Females         3,558         3,533         3,318         2,915           21 years up - Males         55,967         58,072         60,253         60,345           Total - Males   55,967         58,922         65,720         65,720         65,797           Females   15,057         15,407         16,539         2,657,797           Horsepower of Engines         81,91         18,91         79,942           Steam         2,930         2,265         2,271,29         296,077           Other         246,900         262,260	Employees (inc. W.P.)		60		
Total Working Proprietors Males Females 1,880 1,972 2,068 2,155    Males Females 1,46 1,972 1,49 1,49 1,76    Muder 16 years - Males Females 683 7,16 7,33 6,98    16-20 years - Males 5,503 5,132 4,746 7,33 6,98    16-20 years - Males 5,596 5,832 4,746 7,33 6,98    16-20 years - Males 5,596 5,832 4,746 7,33 6,98    16-20 years - Males 5,596 5,832 4,746 7,20 6,757    Females 10,816 11,356 12,268 10,532    Total - Males 59,892 63,928 66,720 65,797    Females 15,057 15,407 16,319 14,145    Grand Total 7,949 79,335 82,039 79,942    Horsepower of Engines 8,461 282,777 282,210 296,077    Other 224,990 262,260 277,129 296,077    Other 36,812 40,550 42,010 48,288    Other Materials Used Raw Materials 69,380,007 3,982,184    Total Raw Materials 69,380,007 3,982,096 7,5058,557 6,953,030    Total 69,380,007 5,058,557 6,953,030    Total 7,969 193,851 1,108,152 1,268 1,562,913 34,945    Fuel Oils (a) 988,725 7,707 82,38 1 10,408,734    Fuel Oils (a) 988,725 7,707 82,36 1,756,553 34,61 0    Salaries & Wages (Exc.W.P.) Males    Females 2,700,218 3,899,337 5,154,225 6,364,034    Total 8,770,218 3,899,337 5,154,225 6,364,034    Total 8,770,218 3,899,337 5,154,225 6,364,034    Total 8,770,218 3,899,337 5,154,225 6,364,034    Total 9,867,633 5,898,86 67,553 2 22,015,163    Salaries etc.per Employee Males    Females 124,018,152 141,528,229 192,355,532 232,015,163    Salaries of 124,018,152 141,528,229 192,355,532	Males	61,005			
Working Proprietors         1,880         1,972         2,068         2,155           Employees June (Exc.W.F.)         146         149         149         176           Employees June (Exc.W.F.)         146         149         149         176           Employees June (Exc.W.F.)         146         149         149         176           Employees June (Exc.W.F.)         16-20         722         724         721         805           16-20 years - Males   5,203         5,132         4,746         4,647         4,64				83 169	84.189
Males Females 1,880 1,972 2,088 2,152 Employees June (Exc.W.P.) Under 16 years - Males Females 663 716 733 698 16-20 years - Males Females 5,203 5,132 4,746 4,647 Females 3,558 3,333 3,318 2,915 21 years up - Males 55,967 58,072 60,253 60,345 7 16 1,358 12,268 10,532 7 16,407 16,319 11,145 16,329 16,328 65,720 65,797 16,407 16,319 11,145 16,329 16,328 65,720 65,797 16,407 16,319 11,145 16,329 17,942 17,942 17,94		() 974)	70,550	0,120	companied of the companies of the African Companies of the African Companies of the Compani
Employees June (Exc.W.P.) Under 16 years - Males					
Under 16 years - Males			149	149	1/0
Temales			724	721	
Temales		le <b>s</b> 683	716	733	
21 years up - Males   53,967   58,072   60,253   60,345   10,532   10,532   65,770   65,797   15,407   16,319   14,145					
Total - Males   59,892   63,928   65,720   65,797   15,407   16,319   14,145   14,145   16,319   16,319   16,31		2,550 53.967			
Females			11,358	12,268	10,532
Horsepower of Engines   H.P.   H.P.   H.P.					
Horsepower of Engines					
Steam         283,461         282,777         282,210         323,272         296,077         2,568         2,569         2,480         2,480         2,569         2,480         2,480         2,569         2,480         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,569         2,480         2,568         2,568         2,568         2,569         2,580         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,568         2,569         3,788,033         139,17,734         100,408         7,734         100		A THE PERSON NAMED AND PARTY AND PAR		H.P.	H.P.
Oil 36,812 40,550 42,010 48,288 68 2,469 2,460 0ther 10 10 10 10 10 10 10 10 10 10 10 10 10	Steam				
Gas Other 10 10 10 10 10 10 10 10 10 10 10 10 10					
Other Materials Used Raw Materials Containers etc. Tools Replaced, Repairs Total Fuel, Light, Water, etc. 5,123,290 Cooke (a) Wood Tools (a) Cose (a) Touls (b) Touls Cose (a) Touls (cose (a) Touls To					
Raw Materials 69,380,007 3,582,184 76,820,710 3,952,097 5,058,557 6,953,030 7001s Replaced,Repairs &c 2,265,038 75,227,229 83,277,203 117,546,533 139,197,734 10,408,734 7,267,384 10,408,734 708,800 7,267,384 10,408,734 708,800 7,267,384 10,408,734 708,801 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 10,408,734 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 10,408,734 7,267,384 7,267,384 7,267,384 7,267,384 7,267,384 10,408,734 7,267,384 7,267,3	Other	7.0	10		
Containers etc.					
Tools Replaced, Repairs &c 2,265,038 75,227,229 83,277,203 17,546,533 139,197,734 10,408				5,058,557	
Total Fuel, Light, Water, etc. 5,123,290		S		7 000 076	7 700 077
Fuel, Light, Water, etc. 5,123,290 Coal (a) Coke (a) Coke (a) Code		2,265,038			
Coal (a) 696,498 727,707 824,363 941,848 258,385 237,347 263,307 314,945 162,137		5.123.290		7,267,384	
Coke (a) 258,385 179,692 193,851 263,307 181,168 162,137		Tons	Tons	Tons	
Fuel Oils (a) 988,725 1,160,459 1,381,654 1,933,814 1,0618 2,038,818 1,006,425 1,108,555 1,270,180 1,562,913 2,038,818 1,007,555 1,270,180 2,97,555 346,103 2,038,818	Coal (a)				
Fuel Oils (a) 988,725 1,160,459 1,381,654 1,933,814 (618 1,08,555 1,270,180 1,562,913 2,038,818 (19 1,08) 1,08,555 1,270,180 1,562,913 2,038,818 (19 1,08) 1,08 (19 1,08) 1					
Gas		£	£		
Electricity 1,108,555 1,270,180 2,038,818 245,830 297,555 346,103  Salaries & Wages (Exc.W.P.)  Males 26,139,989 29,907,392 37,924,575 47,433,485 5,154,225 6,364,034 59,510,207 33,806,729 43,078,800 53,797,519  Salaries etc.per Employee 488 584 717 228 257 322 406  Values of - Output 124,018,152 141,528,229 192,355,532 232,015,163 82,408,695 124,018,152 141,528,229 192,355,532 232,015,163 82,408,695		988,725			
Lubricating Oils, Water 220,825 245,830 297,555 346,103  Salaries & Wages (Exc. W.P.)  Males Females Total  Salaries etc.per Employee  Males Females Values of - Output Production  Lubricating Oils, Water 220,825 245,830 297,555 346,103  245,830 297,555 346,103  47,433,485 5,154,225 6,364,034 53,797,519  488 584 717 228 257 322 406		1,108,555			2,038,818
Males       26,139,989       29,907,392       37,924,575       47,433,485         Females       3,370,218       3,899,337       5,154,225       6,364,034         Total       29,510,207       33,806,729       43,078,800       53,797,519         Salaries etc.per Employee       442       488       584       717         Females       228       257       322       406         Values of - Output       124,018,152       141,528,229       192,355,532       232,015,163         Production       43,667,633       52,308,986       67,541,615       82,408,695         38,667,633       52,308,986       67,541,615       82,408,695	Lubricating Oils, Wate	er 220,825	245,830	297,555	346,103
Females Total  Salaries etc.per Employee  Males Females Values of - Output Production  3,370,218 3,899,337 5,154,225 6,364,034 53,806,729 43,078,800 53,797,519 488 584 717 406  124,018,152 141,528,229 192,355,532 232,015,163 82,408,695		V.P.)	29 907 392	37, 924, 575	47.433.485
Total 29,510,207 33,806,729 43,078,800 53,797,519  Salaries etc.per Employee 442 488 584 717 Females 228 257 322 406  Values of - 0utput 124,018,152 141,528,229 192,355,532 232,015,163 Production 43,667,633 52,308,986 67,541,615 82,408,695		3.370,218		5,154,225	6,364,034
Males Females Values of - Output Production  Males 228  228  257  322  406  124,018,152  141,528,229  192,355,532  232,015,163  82,408,695	Total	29,510,207	33,806,729	43,078,800	53,797,519
Females Values of - Output Production  124,018,152 141,528,229 192,355,532 232,015,163 124,018,152 141,528,229 192,355,532 232,015,163 82,408,695		tee	1,88	584	717
Values of - Output Production  124,018,152 141,528,229 192,355,532 232,015,163 52,308,986 67,541,615 82,408,695					
Production 43,667,633 52,308,986 67,541,615 82,408,695				700 755 570	070 075 767
00 077 (70 01 776 006 07 700 759 09 506 576	au				
Land and Buildings 22,217,619 24,316,806 23,302,758 28,506,576		22,217,619	24,316,806	23,302,758	28,506,576
Plant and Machinery 22,791,991 24,900,949 26,758,675 32,177,031			24,900,949	26,758,675	

<sup>(</sup>a) Including those portions classified as materials used.

A. W. BOWDEN GOVERNMENT STATIST.

Statistical Office,

Adelaide.
9th March, 1953.

# FACTORY STATISTICS OF SOUTH AUSTRALIA, 1951-52 (Cont.) VALUE OF OUTPUT IN VARIOUS INDUSTRIES.

VALUE OF OUTPUT IN VARIOUS INDUSTRIES.								
Industry	1948-49	1949-50	1950-51	1951-52				
Facon Curing Biscuits Boxes and Cases Breweries Bricks and Tiles Brooms and Brushes Butter Cement, Cement Goods etc Theese Themicals, Medicines Total Boots and Shoes Dressmaking, Millinery Dyeworks, Cleaning Shirts, Underwear Tailoring, etc. Tonfectionery Tectric Light & Gas Tertilisers (Chemical) Thour Mills Turniture, Bedding, etc. Tass, Bottles etc. Tee, Refrigerating etc. Tam & Fruit Preserving Toinery Time, Fibrous Plaster etc. Totor Body Building	1,300,129 266,233 460,080 1,350,486 509,742 732,309 2,847,095 978,277 1,679,125 4,643,755 720,406 411,806 324,568 1,803,596 411,879,270 1,879,270 1,879,270 1,879,319 304,603 7,312,270	1,491,263 342,025 511,485 1,530,456 586,610 894,790 2,907,087 1,162,823 1,610,909 1,894,891 1,356,905 794,138 464,831 356,856 501,8846 3,637,567 2,8856 3,637,567 2,8856 3,637,567 2,8869 1,427,062 580,869 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062 1,427,062	1,748,434 445,462 602,735 1,886,406 716,118 1,222,087 3,129,159 1,579,653 2,579,653 2,570,988 6,343,989 554,989 554,989 554,989 554,989 472,951 4,417,982 3,150,283 4,396,105 3,011,619 1,787,181 2,073,181 2,015,281 15,386,248	2,126,000 574,601 776,141 2,300,624 872,330 1,626 2,640,626 2,217,582 3,640,4257 1,962,839 747,9214 2,2540,4257 1,968,268 5,153,274 2,295,420 3,891,420 3,891,420 3,895,593 21,183,370				
Machines, Vehicles Maints, Varnishes, etc. Mastic Moulding, etc. Mickles, Sauces, Vinegar Mubber Goods, Tyres Maddlery, Bags, etc. Malt Marmills & Plywood Mills Marmills & Plywood Mills Marmills & Candles Maneries Moollens, Scouring and	48,658,307 1,423,706 121,782 381,622 566,166 333,555 216,719 3,273,128 364,076 297,273	51,642,385 1,748,670 172,529 351,053 776,060 359,123 275,901 4,337,728 319,762 373,516	73,954,536 2,306,443 215,295 379,352 1,363,919 466,902 304,440 5,126,507 299,098 514,155	113,460,545 2,632,453 212,954 469,247 1,828,723 478,031 481,273 7,671,090 359,448 631,875				
Fellmongering ther Textiles (Cotton etc.)	5,905,435 2,651,067	8,868,669 3,2 <b>2</b> 8,408	17,161,255 4,739,147	8,570,221 5,642,704				

#### GENERAL SUMMARY.

ear	Factories	Hands Employed	Value of Outp <b>ut</b>	Value of Production	Value Land, Buildings Plant, etc.
	No.	No.	£	£	£
911-12 921-22 926-27 931-32 936-37 938-39 941-42 946-47 949-50 950-51	1,314 1,432 1,807 1,662 1,916 2,067 2,167 2,707 3,046 3,141 3,245	26,886 30,262 41,075 23,830 40,710 43,371 65,252 70,711 78,598 83,169 84,189	12,416,381 23,854,857 36,888,469 19,292,370 34,528,176 35,005,264 59,896,493 86,702,572 141,528,229 192,355,532 232,015,163	4,573,837 8,968,432 13,655,406 6,961,848 12,271,563 13,678,930 24,565,855 31,066,494 52,308,986 67,541,615 82,408,695	5,579,659 9,607,286 16,949,928 17,656,901 17,263,895 18,460,379 33,473,951 37,067,758 49,217,755 50,061,433 60,683,607

A. W. BOWDEN
GOVERNMENT STATIST.

tatistical Office,

ADELAIDE,
9th March, 1953.